

mailing of a Notice of Allowance showing the correct mailing date and withdrawal of the holding of abandonment.

In support of this petition, Applicants provide enclosed written statements under 37 C.F.R. § 1.181 and a copy of a docket record for the above-identified application as Exhibit A.

Applicants do not feel that a fee is necessary at this time, but if the sum of \$130.00 is due under 37 C.F.R. § 1.17 (h), the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely and acceptable to the Deposit Account No. 20-0782/AMAT/4714.P1/KMT.

Respectfully submitted,

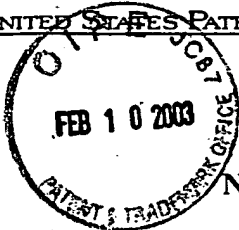


Keith M. Tackett
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Attorney for Assignee



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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NOTICE OF ALLOWANCE AND FEE(S) DUE

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08/13/2002

APPLIED MATERIALS, INC.
2881 SCOTT BLVD. M/S 2061
SANTA CLARA, CA 95050

COMPUTER ENTERI
JAN 24 2003

| | |
|-------------------|----------------|
| EXAMINER | |
| ZARNEKE, DAVID A. | |
| ART UNIT | CLASS-SUBCLASS |
| 2827 | 438-685000 |

DATE MAILED: 08/13/2002

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/678,266 | 10/03/2000 | Ming Xi | 004714 PO1 | 4642 |

TITLE OF INVENTION: METHOD AND APPARATUS FOR DEPOSITING REFRACTORY METAL LAYERS EMPLOYING SEQUENTIAL DEPOSITION TECHNIQUES TO FORM A NUCLEATION LAYER

Match and Return

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1280 | \$0 | \$1280 | 11/13/2002 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above. If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

B. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

☐ Applicant claims SMALL ENTITY status.
See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Atty. Docket No. AMAT/4714.P1/TCG/WCVD/BG **PATENT**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Kori, et al.

Serial No.: 09/678,266

Confirmation No.: 4642

Filed: October 3, 2000

**For: METHOD AND APPARATUS FOR
DEPOSITING REFRACTORY METAL
LAYERS EMPLOYING SEQUENTIAL
DEPOSITION TECHNIQUES TO
FORM NUCLEATION LAYER**

**Box DAC
Commissioner for Patents
Washington, D.C. 20231**

Dear Sir,

CERTIFICATE OF MAILING
37 CFR 1.8

I hereby certify that this correspondence is being deposited on
02/04, 2003 with the United States Postal Service
as First Class Mail in an envelope addressed to
Commissioner for Patents, Box DAC, Washington, D.C.
20231.

02/04/03 Kurt Z Zls
Date Signature

STATEMENT BY GAILE P. BAILEY

I, Gaile P. Bailey, am providing the following statement under 37 CFR 1.181:

I am the Docketing Administrator for Applied Materials Inc., of Santa Clara, California. I am responsible for receiving and docketing every official communication from the United States Patent and Trademark Office. As of today, I have not received a Notice of Allowance for the above-identified application other than the Notice of Allowance dated August 13, 2002 that we received on January 24, 2003 in an envelope postmarked January 13, 2003. A copy of the docket record (Exhibit A) is enclosed herewith to indicate absence of timely receipt of the Notice of Allowance.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may

02/03/03 11:41 FAX 408 563 6492

APPLIED MATERIALS

→ PATTERSON

4003

Jan-31-03 11:30am From-Moser, Patterson & Sheridan L.L.P.

+713 623 4846

T-888 P.003/003 F-057

PATENT

Any. Docket No. AMAT/4714.P1/TCG/WCVD/BG

jeopardize the validity of the application, any patent issuing thereon, or any patent to which the verified statement is directed.



Gaile P. Bailey
Docketing Administrator
Applied Materials, Inc.,
P.O. Box. 458
Santa Clara, California 95052

Date Signed: 2.3.2003

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| | | | |
|---------------|----------------------|-----------------|---------------------------------|
| Docket Number | 004714 | Attorney | Walter Benjamin Glenn |
| Country | United States | Law Firm | Moser, Patterson & Sheridan, L. |
| Case Type | REGULAR CASE TYPE | Client/Division | Cu, PVD and Integrated Syster |
| Relation Type | CONTINUATION-IN-PART | Current Owner | Applied Materials, Inc. |
| Filing Type | NATIONAL CASE | Previous Owner | |
| Filing Number | 01 | AMJ# | |

METHOD AND APPARATUS FOR DEPOSITING REFRACTORY METAL LAYERS EMPLOYING

| Licenses | Other No's | SAP Dkt No | Related Id | Title | Text | SAP/CC# | Product | Alt Cmts |
|---------------------|-----------------|--------------|---------------|----------------|--------------|-----------|-----------|----------|
| Filing Data | Rel Pty Info | Asgn/Archive | Actions | Description | Expenses | Ext Files | Inventors | Keywords |
| Action | Action Due Date | Taken Date | Deadline Date | Completed Date | Action Notes | | | |
| NOTICE OF MISSING | 02/06/2001 | | | 02/06/2001 | signa | | | |
| INVENTOR FILING | 02/21/2001 | | | 03/08/2002 | | | | |
| EPC SEARCH/POSS IDS | 01/15/2002 | | | 10/31/2001 | | | | |
| INVENTOR FILING | 02/21/2002 | | | 03/08/2002 | FOR | | | |
| RESTRICTION | 05/23/2002 | 05/03/2002 | | 05/06/2002 | To | | | |
| ISSUE FEE DUE | 11/13/2002 | 01/24/2003 | | | 1-24- | | | |
| RESPONSE TO | 02/20/2003 | | | | | | | |
| DECISION GRANTING | | | | 06/26/2002 | W/D | | | |
| REVOCATION OF | | | | 07/10/2002 | PWR | | | |
| SUPPLEMENTAL IDS | | | | 05/24/2002 | | | | |
| FILE ASSIGNMENT | | | | 10/15/2001 | ASG | | | |
| SUPPLEMENTAL IDS | | | | 11/08/2001 | | | | |

Created: 10/09/2000 Updated: 01/29/2003 2:16 PM By: DJB



Docket Number

004714

Attorney

Walter Benjamin Glenn

1-24-2003-This just in from Patent Office - sent to Todd, cc'd ben to contact PTO regarding late mailing of PTO docs to AMAT/SRG

OK

Cancel

| Date | | | Date | | Party w/ |
|------------|------------|--|------------|------------------------|----------|
| 02/06/2001 | | | 02/06/2001 | signatures to MW on | |
| 02/21/2001 | | | 03/08/2002 | | |
| 01/15/2002 | | | 10/31/2001 | | |
| 02/21/2002 | | | 03/08/2002 | FOR LU & LAI./DB | |
| 05/23/2002 | 05/03/2002 | | 05/06/2002 | To TP/SRG | |
| 11/13/2002 | 01/24/2003 | | | 1-24-2003-This just in | ... |
| 02/20/2003 | | | | | |
| | | | 06/26/2002 | W/D BROOKS AS | |
| | | | 07/10/2002 | PWR FILED 5/2/2002 | |
| | | | 05/24/2002 | | |
| | | | 10/15/2001 | ASG DUE TO ADD LU, | |
| | | | 11/08/2001 | | |

Created: 10/09/2000

Updated: 01/29/2003 2:16 PM

By: DJB

Start

GaileB1's Buddy List ...

Gaile Bailey - Inbox - ...

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Document1 - Micros...

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PATENT
Atty. Docket No. AMAT/4714.P1/TCG/WCVD/BG



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Kuri, et al.

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DEPOSITION TECHNIQUES TO
FORM NUCLEATION LAYER**

Box DAC
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

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Group Art Unit: 2827

Examiner: Zarneke, David

CERTIFICATE OF MAILING
37 CFR 1.8

I hereby certify that this correspondence is being deposited on 02/04, 2003 with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Box DAC, Washington, D.C. 20231.

02/04/03

Kent R. Tubbs
Signature

STATEMENT BY SHERI GRIFFIN

I, Sheri Griffin, am providing the following statement under 37 CFR 1.181:

I am a Patent Administrator for Applied Materials Inc., of Santa Clara, California. My responsibility includes managing the documentations in connection with the prosecution of the above-identified application. I have searched the file jacket for the above-identified application and as of today, I have not found a Notice of Allowance for the referenced case other than the Notice of Allowance dated August 13, 2002 that was received on January 24, 2003 in an envelope postmarked January 13, 2003.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may

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AMAT. IP

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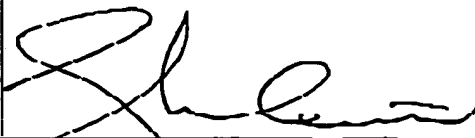
Jan-31-03 11:31am

From-Moser, Pat & Sheridan L.L.P.

T-889 P.003/003 F-058

PATENT
Atty. Docket No. AMA1/4714.P1/ICG/WCVD/BG

jeopardize the validity of the application, any patent issuing thereon, or any patent to which the verified statement is directed.



Sheri Griffin
Patent Administrator
Applied Materials, Inc.,
P.O. Box 458
Santa Clara, California 95052

Date Signed: 1-31-2003

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